



Estimator Custom Report

The Estimator Custom Report (Report) provides a listing of items in their respective categories and a Project Total. The Report can be used to provide the Quality Assurance (QA) review of the Summary of Quantities (SOQ) items, their respective quantities and a Project Total with those items/quantities/Total established in the Report. The Report can be used to provide the QA review of the SOQ and the EE at any plan milestone review. The Report is similar to the Proposal Schedule used by the PSE Bureau to conduct Production Checks prior to projects being advertised.

1. Requirement for the Estimator Custom Report (Report)

Initially, the order of the SOQ Categories and the Estimator Groups is required.

A printed copy of the SOQ can be numbered as indicated below:

1 2 3 4

SUMMARY OF QUANTITIES UNIT 1 - HIDALGO COUNTY			ROADWAY		CONSTRUCTION ENGINEERING		CONSTRUCTION SIGNING		PERMANENT SIGNING		UNIT 1 TOTAL	
ITEM NO.	DESCRIPTION	BID UNIT	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	LS								LS	
618000	TRAFFIC CONTROL MANAGEMENT	LS			LS						LS	
621000	MOBILIZATION	LS	LS								LS	
701000	PANEL SIGNS	S.F.							1520		1,520	
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	L.F.							4120		4,120	
701101	MULTI-DIRECTIONAL SLIP BASE POSTS FOR ALUMINUM PANEL SIGNS	EACH							12		12	
702000	CONSTRUCTION SIGNING	S.F.					131				131	
702100	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	L.F.					155				155	
702110	PORTABLE SIGN SUPPORT	EACH					2				2	
802000	POST CONSTRUCTION PLANS	LS			LS						LS	

5 6 7 8

SUMMARY OF QUANTITIES UNIT 2 - CITY OF LORDSBURG			ROADWAY		CONSTRUCTION ENGINEERING		CONSTRUCTION SIGNING		PERMANENT SIGNING		UNIT 2 TOTAL		PROJECT TOTAL	
ITEM NO.	DESCRIPTION	BID UNIT	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	LS								LS		LS	
618000	TRAFFIC CONTROL MANAGEMENT	LS			LS						LS		LS	
621000	MOBILIZATION	LS	LS								LS		LS	
701000	PANEL SIGNS	S.F.							400		400		1,920	
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	L.F.							801		801		4,921	
701101	MULTI-DIRECTIONAL SLIP BASE POSTS FOR ALUMINUM PANEL SIGNS	EACH							6		6		18	
702000	CONSTRUCTION SIGNING	S.F.					99				99		230	
702100	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	L.F.					155				155		310	
702110	PORTABLE SIGN SUPPORT	EACH											2	
802000	POST CONSTRUCTION PLANS	LS			LS						LS		LS	

In Estimator, the Groups are created corresponding to the Category numbers established in the SOQ. Enter items/quantities in their respective Groups.

Estimate	9900901	Source Catalog	Mar_2019_Bid_Hist_17-18_Spec_Book_19
Spec Year	19	Pricing Profile	
Base Date	7/ 3/2014	Work Type	PERM Permanent Signing
		Highway Type	TWOI Two Lane

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	Group Name	Group Total	Alternate Code	Description
60	0001	41,500.00		ROADWAY UNIT 1
60	0002	13,900.00		CONSTRUCTION ENGINEERING UNIT 1
60	0003	2,814.00		CONSTRUCTION SIGNING UNIT 1
60	0004	68,040.00		PERMANENT SIGNING UNIT 1
60	0005	10,900.00		ROADWAY UNIT 2
60	0006	3,800.00		CONSTRUCTION ENGINEERING UNIT 2
60	0007	2,286.00		CONSTRUCTION SIGNING UNIT 2
60	0008	16,209.00		PERMANENT SIGNING UNIT 2

2. Printing the Report

To run the Report, click on **File > Print Preview**. This will open the Estimate Print Options window.

Estimate Print Options

Show Item Descriptions Show Inactive Price Bases
 Hide Prices Show Bid-based Price Details
 Show Notes for Groups No Page Breaks Within Items
 Show Notes for Items

Total Item Quantities Across Groups
 Summary of Quantities by Item and Group

Show Price Bases Details: None

Report Alignment
 Portrait Align Left Align Center Align Right
 Landscape

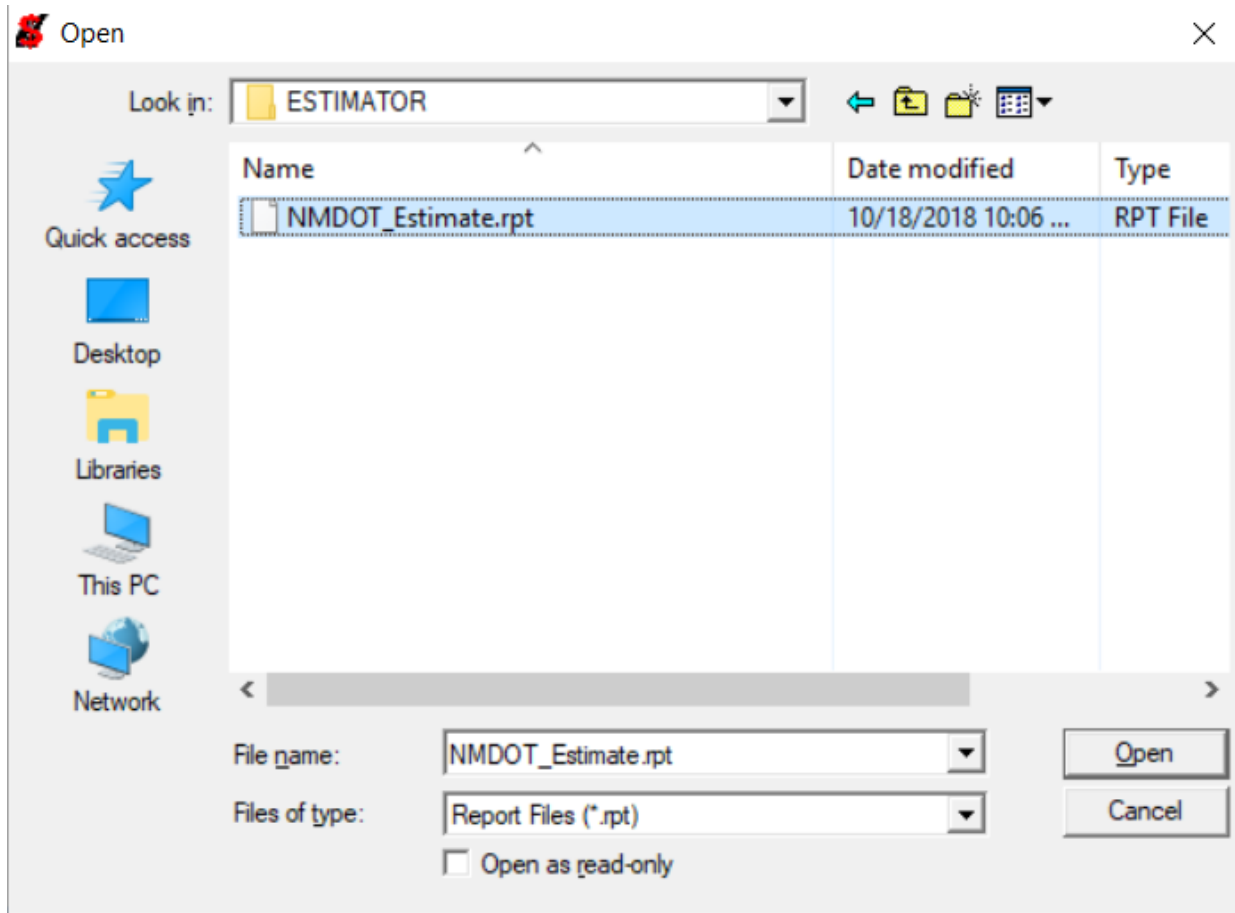
Print using HTML/CSS
 Print using Crystal Reports

Select Customized Report:
None

OK Cancel

Check the **Total Item Quantities Across Groups** box and select **Print using Crystal Reports**.

Click on the drop-down under **Select Customized Report** and select **More Files**. This will open the Open window.



Select the **pseshare > Estimator** folder and select the **NMDOT_Estimate.rpt** file and Open. The Estimate Print Options window will be displayed. Click on **OK**.

Consultants can find the .rpt file by clicking on the following link: <https://dot.state.nm.us/content/nmdot/en/PSE.html>
The **NMDOT_Estimate.rpt** file can be found on the Estimator Link.

The Report is attached. It is noted that each Item includes all Groups that establishes the item and the respective quantity for each Group. The Unit Price is indicated. With the exception of the Lump Sum and the Allowance items, the Unit Price should match for items in multiple Groups. There is also a Total indicated for each item.

An example of the Report is included on the following pages.

3. Using the Report

A comparison of the SOQ and Report can be made as indicated below.

1 2 3 4

SUMMARY OF QUANTITIES UNIT 1 - HIDALGO COUNTY

ITEM NO.	DESCRIPTION	BID UNIT	ROADWAY		CONSTRUCTION ENGINEERING		CONSTRUCTION SIGNING		PERMANENT SIGNING		UNIT 1 TOTAL	
			ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	LS								LS	
618000	TRAFFIC CONTROL MANAGEMENT	LS			LS						LS	
621000	MOBILIZATION	LS	LS								LS	
701000	PANEL SIGNS	S.F.							1520		1,520	
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	L.F.							4120		4,120	
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702000	CONSTRUCTION SIGNING	S.F.					131				131	
702100	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	L.F.					155				155	
702110	PORTABLE SIGN SUPPORT	EACH					2				2	
802000	POST CONSTRUCTION PLANS	LS			LS						LS	

5 6 7 8

SUMMARY OF QUANTITIES UNIT 2 - CITY OF LORDSBURG

ITEM NO.	DESCRIPTION	BID UNIT	ROADWAY		CONSTRUCTION ENGINEERING		CONSTRUCTION SIGNING		PERMANENT SIGNING		UNIT 2 TOTAL		PROJECT TOTAL	
			ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	LS								LS		LS	
618000	TRAFFIC CONTROL MANAGEMENT	LS			LS						LS		LS	
621000	MOBILIZATION	LS	LS								LS		LS	
701000	PANEL SIGNS	S.F.							400		400		1,920	
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	L.F.							801		801		4,921	
701101	MULTI-DIRECTIONAL SLIP BASE POSTS FOR ALUMINUM PANEL SIGNS	EACH							6		6		18	
702000	CONSTRUCTION SIGNING	S.F.					99				99		230	
702100	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	L.F.					155				155		310	
702110	PORTABLE SIGN SUPPORT	EACH											2	
802000	POST CONSTRUCTION PLANS	LS			LS						LS		LS	

From the Report:

701000

PANEL SIGNS

Corresponding to Category Totals for Unit 1/Unit 2, respectively in SOQ

0004	1,520.00	S.F.	\$18,000.00	\$27,360.00
0008	400.00	S.F.	\$18,000.00	\$7,200.00

1,920.00 S.F. Corresponding to Project Total in SOQ

Review all items and update Estimator if required to correspond to the items/quantities in the SOQ.